AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A method comprising:

~~determining an adaptive pressure threshold value based at least in part on user activity;~~

receiving a pressure signal indicating a pressure from an input device;

determining a velocity associated with the pressure signal;

comparing the velocity with a velocity threshold;

~~comparing the pressure signal to an the adaptive pressure threshold value;~~ and

outputting a press signal if the velocity is less than the velocity threshold ~~the pressure signal is greater than the adaptive pressure threshold value~~.

2.   (Currently Amended) The method of claim 31, wherein the adaptive pressure threshold value is associated with an absolute pressure threshold.

3.   (Currently Amended) The method of claim 31, wherein the adaptive pressure threshold value is associated with a position received from the input device.

4.   (Currently Amended) The method of claim 31, wherein the adaptive pressure threshold value can vary over time.

5.   (Currently Amended) The method of claim 31, wherein the adaptive pressure threshold value is associated with a user identifier.

6.   (Currently Amended) The method of claim 31, wherein the adaptive pressure threshold value comprises a first pressure threshold value, and further comprising:

comparing the pressure signal to a second pressure threshold value; and

outputting the signal if the pressure signal is greater than both the first pressure threshold value and the second pressure threshold value.

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7.   (Original) The method of claim 1, wherein the pressure signal comprises a pseudo pressure signal.

8.   (Original) The method of claim 1, further comprising applying a pressure filter to the pressure signal to create a filtered pressure signal.

9.   (Original) The method of claim 8, wherein the pressure filter comprises a first pressure filter comprising a first attribute, and further comprising applying a second pressure filter to the pressure signal, the second pressure filter comprising a second attribute that is different than the first attribute.

10.   (Original) The method of claim 9, wherein the first attribute comprises a first frequency value and the second attribute comprises a second frequency value.

11.   (Original) The method of claim 10, wherein the second frequency value is lower than the first frequency value.

12.   (Original) The method of claim 8, wherein applying the pressure filter comprises applying the pressure filter utilizing a sliding window.

13.   (Original) The method of claim 1, wherein the input device comprises one of a touchpad, a touch panel, and a touch screen.

14.   (Cancelled)

15.   (Cancelled)

16.   (Currently Amended) The method of claim 1, wherein the pressure signal comprises a first pressure signal and further comprising:

        receiving a second pressure signal indicating a second pressure from the input device;

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calculating a difference signal indicative of a difference between the first pressure signal and the second pressure signal;

comparing the difference signal to a difference threshold value; and

outputting the <u>press</u> signal if the difference signal is greater than the difference threshold value.

17.   (Original) The method of claim 16, further comprising filtering the difference signal to create a filtered difference signal.

18.   (Original) The method of claim 1, further comprising outputting a signal associated with a haptic effect, the haptic effect based at least in part on the pressure signal.

19.   (Currently Amended) A computer-readable medium on which is encoded programming code, comprising:

~~program code for determining an adaptive pressure threshold value based at least in part on user activity interaction with a pressure sensitive device;~~

program code for receiving a pressure signal indicating a pressure from an input device;

<u>program code for determining a velocity associated with the pressure signal;</u>

<u>program code for comparing the velocity with a velocity threshold;</u>

~~program code for comparing the pressure signal to an~~ the adaptive pressure ~~threshold value;~~ and

program code for outputting a <u>press</u> signal if <u>the velocity is less than the velocity threshold</u> ~~the pressure signal is greater than the adaptive pressure threshold value~~.

20.   (Currently Amended) The computer-readable medium of claim <u>32</u>~~19~~, wherein the adaptive pressure threshold value comprises a first pressure threshold value, and further comprising:

program code for comparing the pressure signal to a second pressure threshold value; and

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program code for outputting the signal if the pressure signal is greater than both the first pressure threshold value and the second pressure threshold value.

21.   (Original) The computer-readable medium of claim 19, further comprising program code for applying a pressure filter to the pressure signal to create a filtered pressure signal.

22.   (Original) The computer-readable medium of claim 21, wherein the pressure filter comprises a first pressure filter comprising a first attribute, and further comprising program code for applying a second pressure filter to the pressure signal, wherein the second pressure filter comprises a second attribute that is different than the first attribute.

23.   (Original) The computer-readable medium of claim 21, wherein program code for applying the pressure filter comprises program code for applying the pressure filter utilizing a sliding window.

24.   (Cancelled)

25.   (Cancelled)

26.   (Currently Amended) The computer-readable medium of claim 19, wherein the pressure signal comprises a first pressure signal and further comprising:
        program code for receiving a second pressure signal indicating a second pressure from the input device;
        program code for calculating a difference signal indicative of a difference between the first pressure signal and the second pressure signal;
        program code for comparing the difference signal to a difference threshold value; and
        program code for outputting the press signal if the difference signal is greater than the difference threshold value.

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27.   (Original) The computer-readable medium of claim 26, further comprising program code for filtering the difference signal to create a filtered difference signal.

28.   (Original) The computer-readable medium of claim 19, further comprising program code for outputting a signal associated with a haptic effect, the haptic effect based at least in part on the pressure signal.

29.   (New) The method of claim 1, further comprising:

determining a rate of change of pseudo-pressure associated with the pressure signal;

comparing the rate of change of pseudo-pressure with a pseudo-pressure threshold; and

outputting a press signal if the rate of change of pseudo-pressure is greater than the pseudo-pressure threshold

30.   (New) The computer-readable medium of claim 19, further comprising:

program code for determining a rate of change of pseudo-pressure associated with the pressure signal;

program code for comparing the rate of change of pseudo-pressure with a pseudo-pressure threshold; and

program code for outputting a press signal if the rate of change of pseudo-pressure is greater than the pseudo-pressure threshold.

31.   (New) The method of claim 1, further comprising comparing the pressure signal to an the adaptive pressure threshold value, and outputting the press signal if the pressure signal is greater than the adaptive pressure threshold value

32.   (New) The computer-readable medium of claim 19, further comprising program code for comparing the pressure signal to an the adaptive pressure threshold value, and program code for outputting the press signal if the pressure signal is greater than the adaptive pressure threshold value